

93rd Annual

Purdue Road School

March 6-8, 2007
Stewart Center • Purdue University

PURDUE
UNIVERSITY



GENERAL INFORMATION

REGISTRATION

The Road School Registration Desk is located in the east foyer of Stewart Center and will be open 7:00 AM to 5:00 PM.

PURPOSE

The Annual Road School at Purdue is designed to help keep transportation officials up to date on the latest techniques and technologies. Road School also offers attendees the opportunity to meet and exchange ideas with others.

ATTENDANCE

Road School sessions are held in Stewart Center and operate on Eastern Standard Time. Road School is open and free to all who are interested in transportation topics. To justify the approval of their expenses by the State Board of Accounts, eligible city, county, and state employees should attend all scheduled sessions.

PARKING

The Grant Street Garage is connected to the Purdue Memorial Union by a subwalk and has spaces available for visitors. A parking permit is required for this garage and all other campus garages. Parking in the Grant Street Garage is available upon arrival for \$10.00 per day. If you purchased a parking permit in advance, your permit is programmed for the number of days you purchased in all campus garages other than Grant Street. Government-marked vehicles must also pay to park in the Grant Street Garage; however, free parking is available in all other garages on campus.

MESSAGE BULLETIN BOARD

To contact an individual at Road School, leave a message at the Road School registration desk. Messages will be placed on the message board in the east foyer of Stewart Center. The phone number at the registration desk is 765-494-8807.

BREAK ROOM

The Road School Break Room is located in Room 310 of Stewart Center and is available to all participants during the conference. Take a moment to visit with our non-profit exhibitors and enjoy the refreshments. **Free Internet access at a computer kiosk in the Break Room is available to Road School attendees.**

FACILITIES

You are invited to visit the laboratory facilities in the Civil Engineering Building. The Annual Road School is under the direct supervision of the School of Civil Engineering and the Continuing Education Division, with the cooperation of groups listed in the program. All inquiries should be addressed to Karen Hatke, Road School Coordinator, School of Civil Engineering, 550 Stadium Mall Drive, Purdue University, West Lafayette, Indiana 47907-2051.

CEU CREDIT

Continuing Education Units (CEUs) are available for several of the sessions at Road School. These sessions are identified in the program. CEUs are a standardized, nationwide method of recognizing and rewarding participation in noncredit educational activities.

Conference at a Glance

(All rooms are located in Stewart Center unless otherwise noted)

Time	Tuesday, March 6
7:00	Road School Registration
9:30-11:30	Opening Session (Loeb Theatre)
11:30-2:00	Exhibitors Luncheon Purdue Memorial Union North/South Ballrooms
1:30-3:00	Access Management in Indiana (202) Addressing the High Cost of Poor Traffic Operations (322) Emerging Technologies in Concrete (302) Hearings, Meetings, and the Media Part I (306) LPA Process and Program Development (218A-C) SAFETEA-LU Safety Provisions (206) Scoping the Missouri Way (218D) (Part I of a three-hour session) Back to Basics: Sidewalks (214A-B) Meth Lab Roadside Disposal Hazards (320)
3:15-4:45	Asphalt Pavement for Local Governments (218A-C) Context Sensitive Solutions ... Their Impact on Local Neighborhoods (202) Don't Muddy the Water! (206) Hearings, Meetings, and the Media Part II (306) Roundabouts: Exploding the Myth (302) (Part II of a three-hour session) Back to Basics: Sidewalks (214A-B) Meth Lab Roadside Disposal Hazards (320)
5:00-7:00	Welcome Reception University Inn
Wednesday, March 7 Morning	
7:00	Road School Registration
8:30-10:00	County Surveyors Meeting <i>ALL DAY</i> (322) Equipment Issues (302) Let the Data Drive Your Decisions (206) Planning Issues with MPOs (306) Safety Issues I (218A-C) (Part I of a three-hour session) Back to Basics: Interchange Layout and Design (314) Back to Basics: Management Systems at the Strategic Level (202) Hoosiers Bike Everywhere (320) Public Purchasing and Public Construction (214A-B)
10:15-11:45	Can You Hear Me Now? (306) Safety Issues II (218A-C) Urban Issues (218D) What Works When: Communicating Effectively (302) (Part II of a three-hour session) Back to Basics: Interchange Layout and Design (314) Back to Basics: Management Systems at the Strategic Level (202) Hoosiers Bike Everywhere (320) Public Purchasing and Public Construction (214A-B)

3-Hour Session

Conference at a Glance

(All rooms are located in Stewart Center unless otherwise noted)

Time	Wednesday, March 7 Afternoon
12:00-1:30	Road School Luncheon Purdue Memorial Union North/South Ballrooms
1:30-3:00	County Highway Issues (302) New Directions in Estimating (218D) New Federal Funding for FY2007 (218A-C) No Employee Left Behind... Principals of Change (306) Your Indiana Map (206) (Part I of a three-hour session) Back to Basics: Project Scoping (314) Basics of Roadway Safety (202) Maintenance Issues (320) Transportation Issues (214A-B)
3:15-4:45	GASB 34 Affects All Local Agencies (306) Identifying the Select (218D) INDOT Training Program Available (302) New Developments in Consultant Contracting (218A-C) (Part II of a three-hour session) Back to Basics: Project Scoping (314) Basics of Roadway Safety (202) Maintenance Issues (320) Transportation Issues (214A-B)
Thursday, March 30	
7:00	Road School Registration
8:00-10:00	Indiana Street Commissioners Meeting (PMU-West Faculty Lounge)
8:30-10:00	City Engineers Meeting (314) County Auditors Meeting (320) County Commissioners Meeting (322) (Part I of a three-hour session) INDOT Meeting ((302)
9:30-11:30	County Highway Engineers and Supervisors Meeting (218A-C)
10:15-11:45	(Part II of a three-hour session) INDOT Meeting (302)

3-Hour Session

Road School Team

Road School Chairmen

Kumares Sinha, Director, JTRP, and Olson Distinguished Professor of Civil Engineering, Purdue University
Jon Fricker, Professor of Civil Engineering, Purdue University

Road School Coordinator

Karen Hatke, Program Coordinator, JTRP, Purdue University

Road School Associates

John Habermann, Research Engineer, Indiana LTAP
Walt Land, Road School Liaison, INDOT
Bob McCullough, Information Technology Administrator, JTRP
Dorothy Miller, Secretary, JTRP
Tom Robertson, Conference Coordinator, Center for Lifelong Learning
Transportation Graduate Research Assistants, School of Civil Engineering
Lisa Weickert, Secretary, Indiana LTAP

2007 Road School Steering Committee

Lloyd Bandy, APAI	Kimberly Lutz, Parson Brinckerhoff
Phil Beer, USI Consultants	Bob McCullough, JTRP
Dennis Belter, INDOT	Bob Miller, City of Jeffersonville
Paul Berebitsky, ICI	Mark Miller, INDOT
Mike Bowman, INDOT	John Morton, INDOT
Mike Bowman, Milestone LP	Gary Mroczka, INDOT
Jerry Bridges, MCCOG	Tommy Nantung, INDOT
Greg Budd, HGI-Land Acq Corp.	Barry Partridge, INDOT
James Bullard, City of Seymour	Joyce Poling, Monroe County
Mike Byers, Indiana Chapter-ACPA	Steve Powell, Ameritech
Janie Chenault, Lawrence County	Jim Reid, IndianaPublicWorks.com
Gary Eakin, Town of Danville	Lyle Sadler, INDOT
Raymie Eckerle, City of Jasper	Wes Shaw, INDOT
Phil Estridge, Henry County	Ruth Shedd, Tippecanoe County
Michael Fincher, City of Logansport	Steve Sherwood, Warrick County
Jon Fricker, Purdue University	Kumares Sinha, JTRP
Bill Haan, IACC	Kurt Sommer, INDOT
John Habermann, Indiana LTAP	Randy Strasser, Brown Equipment Co.
John Haddock, Purdue University	Doug Sutton, Purdue University
Karen Hatke, JTRP	Jerry Thompson, INDOT
Lee Hoard, City of Delphi	Scott Tilden, Fulton County
Andrew Johnson, IACT	Jay Wason, INDOT
Robert Jones, IMAA	Lisa Weickert, Indiana LTAP
Greg Kicinski, INDOT	Rick Whitney, INDOT
Walt Land, INDOT	

Road School Agenda

**Tuesday
March 6**

Opening Session

9:30-11:30 am
Room: Loeb Theatre

*President: Kumares C. Sinha, Olson Distinguished
Professor of Civil Engineering and
Director, Joint Transportation Research
Program, Purdue University*

Welcome and Opening Remarks

*Karl B. Browning
Commissioner
Indiana Department of Transportation*

The Maryland Quality Initiative (MdQI)...14 Years of Continuous Quality Improvement

*Douglas R. Rose
Chief Engineer
Maryland Department of Transportation*

Questions and Answers

*Karl Browning
Douglas Rose*

Indiana Partnership for Transportation Charter Signing Ceremony

Indiana Partnership for Highway Quality Awards

*Mark A. Miller, Director of Construction
Management, INDOT
Robert F. Tally, Division Administrator, FHWA
Indiana Division*

Road School Agenda

**Tuesday
March 6**

11:30-2:00

Exhibitors Luncheon
Purdue Memorial Union
North/South Ballrooms

All participants are invited to enjoy this sandwich buffet lunch provided free of charge by the participating exhibitors.

Name badges are required for admission.

Concurrent Sessions **1:30-3:00**

Access Management In Indiana **Room:202**

*Presider: Steve Smith, Long-Range Transportation
Section Manager, Office of Urban and
Corridor Planning, INDOT*

The Indiana Statewide Access Management Study
*Jerry Gluck, Senior Vice President, The Urbitran Group
Dan Buck, Transportation Planner, Urban and Corridor
Planning Division, INDOT*

Access Management at the Local Level
*Matt Vondran, Principal Transportation Planner, N.E.
Indiana Regional Coordinating Council
Michael Eckert, Manager of Technical Services, Allen
County Highway Department
Dennis Bruce, Project Coordinator, Traffic Engineering
Department, City of Fort Wayne*

Road School Agenda

**Tuesday
March 6**
Concurrent Sessions
1:30-3:00

Addressing the High Cost of Poor Traffic Operations **Room: 322**

*Presider: Karen Stippich, Traffic Operations and ITS
Engineer, FHWA Indiana Division*

National Cost of Congestion and Using ASCE Lite
*Paul Olson, ITS Technology Engineer, FHWA Resource
Center, Denver, Colorado*

INDOT's New Traffic Signal Re-timing Program
*Ryan Gallagher, Director, Division of Traffic Control
Systems, INDOT*

Traffic Incident Management
Guy Boruff, Director, Public Safety Operations, INDOT

Emerging Technologies in Concrete **Room: 302**

*Presider: Michael Byers, Executive Director, Indiana
Section, American Concrete Pavement Association*

Rapid Setting Materials for Concrete Patching
*Tommy Nantung, Section Manager, Office of Research
and Development, INDOT*

New Developments in Saw-Cutting Guidelines
*W. Jason Weiss, Associate Professor of Civil Engineering,
Purdue University*

**Street Pave – A New Analysis Design Tool for
Local Roads**
*Scott Haislip, Director of Streets and Roads, American
Concrete Pavement Association*

Road School Agenda

Tuesday

March 6

Concurrent Sessions

1:30-3:00

Hearings, Meetings, and the Media...Oh My!

Part I

Room: 306

*Presider: Shelley Haney, Communications Specialist,
Office of Public Information, INDOT*

Want to know how to get the media on your side? And what do you do once you get them there? Come hear advice on how to develop, manage, and implement media relations strategies for your next project.

The INDOT Communications Team

LPA Process and Program Development

Room: 218A-C

*Presider: John Weaver, Deputy Commissioner for
Planning and Production*

Local projects are vital to Indiana's transportation system. Attend this session to hear the state and federal perspective of the local project approval process.

*Jeanette Wilson, Development Specialist, Office of Urban
and Corridor Planning, INDOT*
*Robert Tally, Division Administrator, FHWA Indiana
Division*

SAFETEA-LU Safety Provisions

Room: 206

*Presider: Rick Drumm, Safety Engineer, FHWA
Indiana Division*

The SAFETEA-LU Road Safety Program at INDOT

*Mike Holowaty, Manager, Roadway Safety Programs,
Office of Roadway Safety and Mobility, INDOT*

INDOT's Strategic Highway Safety Plan

*Roger Manning, Strategic Safety Plan Manager, Office of
Roadway Safety and Mobility, INDOT*

Road School Agenda

Tuesday

March 6

Concurrent Sessions

3:15-4:45

Scoping the Missouri Way

Room: 218D

*Presider: Gary Mroczka, Director, Production Management
Division, INDOT*

MODOT's State Design Engineer will present the methods and strategies of Missouri's "Practical Design" initiative, which has saved MODOT millions of construction dollars.

*Kathryn Harvey, P.E., State Design Engineer, Missouri
Department of Transportation*

Back to Basics: Sidewalks Part I (.3 CEU)

Room: 214A-B

Learn how to develop a solid sidewalk management and repair program in this three-hour session.

*Robert Eichner, Assistant City Engineer, City of
Cedarburg, Wisconsin*

Meth Lab Roadside Disposal Hazards Part I

Room: 320

*Presider: Brett Cating, Highway Director, Montgomery
County*

There has been an explosion of extremely dangerous meth lab roadside trash that many street and highway agencies must now handle. In this session you will learn safe disposal practices that could save your life!

Paul Harrison, Trooper, Indiana State Police

Road School Agenda

Tuesday

March 6

Concurrent Sessions

3:15-4:45

Asphalt Pavement for Local

Governments

Room: 218A-C

Presider: Lloyd Bandy, Executive Director, Asphalt Pavement Association of Indiana

Federal Oversight of LPA Projects – Application of INDOT Design Guide Chapter 52

Kumar Dave, Pavement Design Engineer, INDOT

Cost Savings for Local Governments

*Dudley Bonte, Regional Quality Control Director/Indiana,
Rieth-Riley Construction Co.*

The Life of a Pavement

*Gerald Huber, Associate Director of Research, Heritage
Research Group*

Research Does Not Make the Pavement...It Makes the Pavement Better

*David Andrews, Manager, Office of Pavement
Engineering, INDOT*

Back to Basics: Sidewalks

Part II (.3 CEU)

Room: 214A-B

Learn how to develop a solid sidewalk management and repair program in this three-hour session.

*Robert Eichner, Assistant City Engineer, City of
Cedarburg, Wisconsin*

Break Room

The Break Room, 310 Stewart Center, will be available to conference participants from 8:30 am to 4:30 pm. Free Internet service at a computer kiosk will be available this year!

Road School Agenda

Tuesday

March 6

Concurrent Sessions

3:15-4:45

Context Sensitive Solutions (CSS): Their

Impact on Local Neighborhoods

Room: 202

*Presider: Joyce Newland, Planning and Environmental
Specialist, FHWA Indiana Division*

Street Design and Community Livability

*Norman Garrick, Professor of Civil Engineering,
University of Connecticut*

INDOT CSS Implementation Plan

*Kate Zale, Project Manager, The Schneider Corporation
Nola Albrecht, Landscape Architect, The Schneider
Corporation*

Don't Muddy the Water!

Room: 206

*Presider: Michelle Hilary, Manager, Environmental
Services, INDOT*

INDOT Environmental Services staff will present an executive summary of Water Permit Training, along with their best practices and recent past findings on active projects.

*Michelle Allen, Ecology/ Permits Administrator, INDOT
Richard Phillabaum, Environ. Permits Supervisor, INDOT
Sara Slater-Atwater, East Area Project Manager, IDEM*

Hearings, Meetings, and the Media...Oh My!

Part II

Room: 306

How are hearings and public meetings different and when and why are they held? Learn the difference in this session, as well as the best way to get public involvement in your meetings and hearings.

Rickie Clark, Manager, Public Hearings Office, INDOT

Road School Agenda

Tuesday

March 6

Concurrent Sessions

3:15-4:45

Meth Lab Roadside Disposal Hazards Part II

Room: 320

Presider: Brett Cating, Highway Director, Montgomery County

There has been an explosion of extremely dangerous meth lab roadside trash that many street and highway agencies must now handle. In this session you will learn safe disposal practices that could save your life!

Paul Harrison, Trooper, Indiana State Police

Roundabouts: Exploding the Myth

Room: 302

Presider: Fred Mannering, Professor of Civil Engineering, Purdue University

Separate fact from fiction in the design and application of roundabouts by attending this session. This multimedia presentation will explode the myths of modern roundabouts and show you several successful roundabout projects in Indiana and around the country.

Wes Butch, Transportation Planning Manager, DLZ Inc.

WELCOME RECEPTION UNIVERSITY INN

5:00-7:00 PM

**Take a moment from your busy
schedule to enjoy the hospitality of
vendor friends of Road School!**

Road School Agenda

Wednesday

March 7

Concurrent Sessions

8:30-10:00

County Surveyors Association Meeting (All Day Meeting)

Room: 322

Presider: Al Frisinger, County Surveyor, Allen County

9:00-11:00 Stormwater Issues – Rule 5/County
Stormwater Utilities Funding/Ordinances/
Fees – Effect on IC 36-9-27

10:15-10:30 Break

12:00-1:30 Lunch

1:30-2:30 Section Corner Legislation of 2006: How
Has It Affected the County Surveyor's
Office?

Section Corner Tie Card Program

2:30-2:45 Break

2:45-4:00 General Business Meeting

Break Room

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Road School Agenda

Wednesday

March 7

Concurrent Sessions

8:30-10:00

Back to Basics: Interchange Layout and Design Part I (.3 CEU) Room: 314

*Presider: Gary Mroczka, Director, Production
Management Division, INDOT*

Attend this session to get a comprehensive update of the factors, components, and details of various interchange designs which provide a safe, efficient, and cost-effective solution to a transportation problem. This session would be of interest to all Major Moves designers.

*Jeffrey Shaw, Safety/Design Engineer, FHWA Resource
Center, Olympia Fields, Illinois
Mike Rowe, Project Team Leader, United Consulting
Engineers and Architects*

Back to Basics: Management Systems at the Strategic Level Part I (.3 CEU) Room: 202

This session is for engineers and other personnel wanting to learn how to improve decision-making from a different approach developed by the U.S. military. Local assistance processes for evaluating projects will also be discussed, and an overview of basic management systems will be presented.

*Andrew Fitzgerald, Acting Manager, Systems Analysis and
Planning, INDOT
William Flora, Section Engineer, Systems Analysis and
Planning, INDOT*

Road School Agenda

Wednesday

March 7

Concurrent Sessions

8:30-10:00

Equipment Issues Room: 302

*Presider: Jim Reid, Publisher, Indiana Public Works
Magazine*

Soy Biodiesel...the right fuel for your hard-working diesel fleet, the health of your employees, and national energy security.

Biodiesel-Blended Fuel Requirements for Diesel Engines

*Zack Ellison, Director of Customer Technical
Support, Cummins, Inc.*

Tips for Successful Use of Biodiesel-Blended Fuels

*Jon Lantz, Vice President, Marketing, Countrymark
Cooperative LLP*

New Technologies in Fleet Management

Larry Campbell, City of Fort Wayne

Hoosiers Bike Everywhere Part I Room: 320

*Presider: Mitch Barloga, Non-Motorized Transportation
Planner, Northwestern Indiana Regional Planning
Commission*

BikeEd for Transportation Planners – Traffic Principles as They Apply to Bicycling

*Connie Szabo Schmucker, Bicycle Consultant
and League Cycling Instructor*

Vigo County Share the Road Campaign

*Jim Coryell, Vice President of Marketing, Marketing
Informatics*

Road School Agenda

Wednesday

March 7

Concurrent Sessions

8:30-10:00

Let the Data Drive Your Decisions

Room: 206

Presider: Brad Steckler, Manager, Office of Roadway Safety and Mobility, INDOT

This session will present how the INDOT Planning Division is utilizing data to prioritize various programs by assessing the project's need and purpose.

Brad Steckler, Manager, Office of Roadway Safety and Mobility, INDOT

Andrew Fitzgerald, Acting Manager, Office of Systems Analysis and Planning, INDOT

Dave Andrews, Manager, Office of Pavement Engineering, INDOT

Planning Issues with MPOs

Room: 306

Presider: Eryn Hays Fletcher, Manager, Office of Urban and Corridor Planning, INDOT

If you are involved in the MPO planning and/or the state planning process, attend this session for an overview of the various funding programs and selection processes within INDOT

STIP: Statewide Update

Carter Keith, Urban and MPO Section Manager, INDOT

MACOG 2035 TP Socio-economic Land Use Model

Corey Hull, Senior Planner, MACOG

Break Room

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Road School Agenda

Wednesday

March 7

Concurrent Sessions

8:30-10:00

Public Purchasing and Public Construction Part I

Room: 214A-B

Presider: John Habermann, Research Engineer, Indiana LTAP, Purdue University

Public Purchasing

Sue Beesley, Attorney, Bingham McHale

Attendance at this session will fulfill the requirements for Road Scholar Core Course 4.

Safety Issues I

Room: 218A-C

Presider: Mike Holowaty, Roadway Safety Programs Manager, Office of Roadway Safety and Mobility, INDOT

RSIT – A Computer Tool for Road Safety Audits

Andrew Tarko, Professor of Civil Engineering, Purdue University

Kentucky's FHWA Safety Circuit Rider Program

Lance Meredith, Safety Circuit Rider, Kentucky Transportation Center

VCRS Now and in the Future

John Nagle, Safety Management Engineer, Planning Division, INDOT

Break Room

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Road School Agenda

Wednesday

March 7

Concurrent Sessions

10:15-11:45

Back to Basics: Interchange Layout and Design Part II (.3 CEU)

Room: 314

*Presider: Gary Mroczka, Director, Production
Management Division, INDOT*

Attend this session to get a comprehensive update of the factors, components, and details of various interchange designs which provide a safe, efficient, and cost-effective solution to a transportation problem. This session would be of interest to all Major Moves designers.

*Jeffrey Shaw, Safety/Design Engineer, FHWA Resource
Center, Olympia Fields, Illinois
Mike Rowe, Project Team Leader, United Consulting
Engineers and Architects*

Back to Basics: Management Systems at the Strategic Level Part II (.3 CEU)

Room: 202

This session is for engineers and other personnel wanting to learn how to improve decision-making from a different approach developed by the U.S. military. Local assistance processes for evaluating projects will also be discussed, and an overview of basic management systems will be presented.

*Andrew Fitzgerald, Acting Manager, Systems Analysis and
Planning, INDOT
William Flora, Section Engineer, Systems Analysis and
Planning, INDOT*

Road School Agenda

Wednesday

March 7

Concurrent Sessions

10:15-11:45

Can You Hear Me Now?

Room: 306

*Presider: Michelle Hilary, Manager, Office of
Environmental Services, INDOT*

INDOT's New Traffic Noise Policy

*Ben Lawrence, Environmental Policy Administrator,
INDOT*

Noise Abatement Wall History in Indiana – Design, Construction, and Durability

Eugene Lamberson, Consulting Structural Engineer

Hoosiers Bike Everywhere Part II

Room: 320

*Presider: Mitch Barloga, Non-Motorized Transportation
Planner, Northwestern Indiana Regional Planning
Commission*

Design Guidelines for Bicycling – Beyond the AASHTO Standards

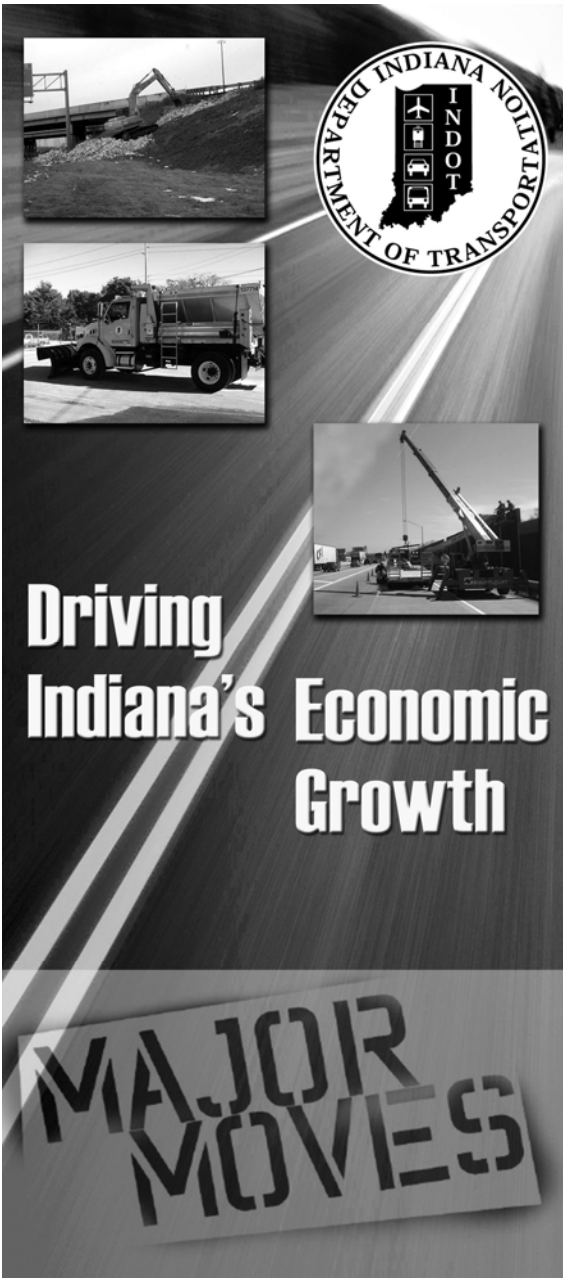
*Dawn Ritchie, Greenways Manager, City of Fort Wayne
Chuck Fearnow, Director, Indiana Bicycle Coalition
Mitch Barloga, Non-Motorized Transportation Planner,
Northwestern Indiana Regional Planning Commission*

New Developments in Planning for Bicycles – Shared Roadway Markings and Other Signage

*Connie Szabo Schmucker, Bicycle Consultant and League
Cycling Instructor
Mitch Barloga, Non-Motorized Transportation Planner,
Northwestern Indiana Regional Planning Commission*

INDOT's Bicycle Safety Research Project

*Jon Fricker, Professor of Civil Engineering, Purdue
University*



JOIN US IN ROOM 307!

- **Learn about local projects and receive updates from district staff**
- **Pick up a new district offices directory and other valuable information**
- **Explore exciting career opportunities with INDOT**
- **Network with INDOT staff and more!**

Road School Agenda

Wednesday

March 7

Concurrent Sessions

10:15-11:45

Public Purchasing and Public Construction Part II

Room: 214A-B

*Presider: John Habermann, Research Engineer,
Indiana LTAP, Purdue University*

Public Construction

Karen Arland, Attorney, Ice Miller

Frequently Asked Questions

*Jerry Larson, Promotions Manager/Northern Region
Indiana Ready Mixed Concrete Association*

*Attendance at this session will fulfill the requirements
for Road Scholar Core Course 4.*

Safety Issues II

Room: 218A-C

*Presider: Mike Holowaty, Roadway Safety Programs
Manager, Office of Roadway Safety and Mobility, INDOT*

SAFETEA-LU requires that each state adopt and
implement a strategic highway safety plan.
Prioritization of safety projects is one important
aspect of a strategic plan at the local level.

*Jerry Foust, Principal Planner, Northeast Indiana
Regional Coordinating Council*

*Rick Drumm, Safety Engineer, FHWA Indiana Division
Laurie Johnson, Project Manager, DLZ Indiana*

Road School Agenda

Wednesday

March 7

Concurrent Sessions

10:15-11:45

Urban Issues

Room: 218D

*Presider: Lynn Corson, Director, Clean Manufacturing
Technology Institute, Purdue University*

Improving Water Quality through Good Highway and Street Garage Practices

*Lori Gates, Senior Resource Planner, Christopher B. Burke
Engineering, Ltd.*

Improving Water Quality with Effective Agency-wide Best Management Practices

*Siavash Beik, Head, Water Resources Department,
Christopher B. Burke Engineering, Ltd.*

What Works When: Communicating Effectively

Room: 302

Do you sometimes think that your staff, clients, and
colleagues just aren't listening to you? Often, when we
think of good communication skills we think of good
grammar and using correct English. Attend this workshop
to learn and share ideas about communicating in the
workplace.

*Suzanne Karberg, Communications Specialist, School of
Civil Engineering, Purdue University*

Road School Agenda

Wednesday
March 7

12:00-1:30

ROAD SCHOOL LUNCHEON PMU North/ South Ballrooms

Master of Ceremonies

Karl B. Browning
Commissioner
Indiana Department of Transportation

Invocation

Vincent P. Drnevich
Professor of Civil Engineering
Purdue University

Luncheon Address

"Don't Wait: The Future of Transportation is Now!"
Joseph A. Toole
Associate Administrator for
Professional and Corporate Development,
FHWA, Washington DC



INTERESTED IN BRUSHING UP ON YOUR PLAN
READING SKILLS ON YOUR OWN TIME OR
TRAINING NEW STAFF WITH LESS EFFORT? THE
JTRP BRIDGE AND PLAN READING CD COURSES
ARE AVAILABLE FOR PURCHASE NOW AT THE
ROAD SCHOOL REGISTRATION DESK.

Road School Agenda

Wednesday
March 7

Concurrent Sessions

1:30-3:00

Back to Basics: Project Scoping Part I (.3 CEU)

Room: 314

*Presider: Eryn Hays Fletcher, Manager, Office of Urban
and Corridor Planning, INDOT*

How to Scope Projects

*David Butts, Section Manager, Office of Urban
and Corridor Planning, INDOT*

Basics of Roadway Safety Part I

Room: 202

*Presider: John Habermann, Research Engineer, Indiana
LTAP, Purdue University*

Roadway Safety: A FHWA Perspective

Rick Drumm, Safety Engineer, FHWA Indiana Division

*Attendance at this session will fulfill the requirements
for Road Scholar Core Course 5.*

Break Room

The Break Room, 310 Stewart Center, will be
available to conference participants from 8:30
am to 4:30 pm. Free Internet service will be
available to attendees at a computer kiosk this
year!

Road School Agenda

**Wednesday
March 7
Concurrent Sessions
1:30-3:00**

County Highway Issues

Room: 302

Presider: Jodi Coblentz, County Engineer, Cass County

County Uses of Major Moves Money

*John Habermann, Research Engineer, Indiana LTAP,
Purdue University*

Cost-Effectiveness of Gravel Road Conversions:

Panel Discussion

*Ramzi Awwad, County Engineer, Carroll County
Tom Busch, Sales Engineer, Engineering
Aggregates Corp.*

*Tom Kouns, Highway Supervisor, Boone County
Jay Longenecker, Sales Representative, Asphalt
Materials, Inc.
Joe Mayfield, U.S. Aggregates*

Mapping the County Highway System

*Eric Conklin, Manager of Technical Services, Office of
Planning and Production, INDOT
Eric Rader, INDOT*

Maintenance Issues Part I

Room: 320

*Presider: Jerry Thompson, Maintenance Engineer,
Vincennes District, INDOT*

New Directions in Herbicides

*Steve Rininger, Maintenance Supervisor, Vincennes
District, INDOT
Gordon Sollman, Herbicide Applicator, Vincennes
District, INDOT
Greg Ressler, Territory Manager, TCD*

Safelane: New Technology that Keeps the Ice Away

*Bob Persichetti, General Manager, Cargill-Safelane
Steve Giese, Operations Engineer, Plymouth Subdistrict,
INDOT*

INDOT's Pavement Preservation Initiatives

*Todd Shields, Pavement Preservation Engineer, Highway
Operations Division, INDOT*

Road School Agenda

**Wednesday
March 7
Concurrent Sessions
1:30-3:00**

New Directions in Estimating

Room: 218D

*Presider: Bob Cales, Estimating Administrator, Highway
Management Division, INDOT*

Where We Are Now

*Bob Cales, Estimating Administrator, Highway Management
Division, INDOT*

Where We Are Going

*Dan Stickney, Construction Cost Manager, Highway
Management Division, INDOT*

The Process

*John Healy, Cost Estimator, Highway Management
Division, INDOT*

New Federal Funding in Federal FY 2007

Room: 218A-C

This is the place to hear all of the details about 2007
Federal Funding and what it means to your agency.

*Bernie Seel, Chief Financial Officer and Deputy
Commissioner for Finance, INDOT*

*Gary Eaton, Director, Budget, Project Accounting, and
Procurement Division, INDOT*

No Employee Left Behind: The Principals of Change

Room: 306

You may think there is a typo in the title...not so! In this
workshop, the underlying **principles** of change will be
discussed in an interactive format, based on the belief that
the most effective change is supported from the bottom up
from the employees – the **principals** of change.

*Dan Lybrook, Associate Professor, Organization
Leadership, Purdue University*

*Al Crispo, Associate Professor, Organization Leadership,
Purdue University*

Road School Agenda

Wednesday

March 7

Concurrent Sessions

1:30-3:00

Transportation Issues Part I (.3 CEU)

Room: 214A-B

*Presider: Jay Wasson, President, ITE Indiana Section
and Director, Traffic Management Centers
Division, INDOT*

Indiana Freight Mobility Initiatives

Keith Bucklew, Director of Freight Mobility, INDOT

ITE Initiatives in the Area of Freight Mobility and Goods Movement

Earl Newman, President, ITE International

Your Indiana Map: It's Statewide, Regional, Local...It's Yours!

Room: 206

*Presider: Steve Johnson, Professor of Civil Engineering,
Purdue University*

IndianaMap is a single statewide digital map for Indiana. It includes the information people need most in a format that is accessible to both expert GIS users and the general public. This session will explain how to obtain and use the map. Successful applications will be presented from such diverse fields as transportation, retail, emergency response, health care, and environmental management.

*Jill Saligoe-Simmel, Executive Director, Indiana
Geographic Information Council*

Break Room

The Break Room, 310 Stewart Center, will be available to conference participants from 8:30 am to 4:30 pm. Free Internet service will be available to attendees at a computer kiosk this year!

Road School Agenda

Wednesday

March 7

Concurrent Sessions

3:15-4:45

Back to Basics: Project Scoping Part II (.3 CEU)

Room: 314

*Presider: Eryn Hays Fletcher, Manager, Office of Urban
and Corridor Planning, INDOT*

How to Identify and Manage Scope Creep

*Gary Mroczka, Director, Production Management
Division, INDOT*

Basics of Roadway Safety Part II

Room: 202

*Presider: John Habermann, Research Engineer, Indiana
LTAP, Purdue University*

Roadway Safety Improvements for Existing Roads

*Jerry Larson, Promotions Manager/Northern Region,
Indiana Ready Mixed Concrete Association
Laurie Johnson, Project Manager, DLZ Indiana*

*Attendance at this session will fulfill the requirements
for Road Scholar Core Course 5.*

GASB 34 Affects All Local Agencies

Room: 306

*Presider: Mike Nielsen, Director, Government Fixed Asset
Services, Inc.*

The Importance of Meeting the Accounting Standard

*Charlie Pride, Supervisor-Cities, Towns, and
Libraries, State Board of Accounts*

Capital Assets and Infrastructure Provisions of GASB 34 and the LTAP GASB 34 Procedures Manual

*Mike Nielsen, Director, Government Fixed Asset
Services, Inc.*

Reporting New Assets and Construction in Progress

*Bill Williams, Highway Director, Monroe County
Lisa Ridge Operations Manager, Monroe County*

Road School Agenda

**Wednesday
March 7
Concurrent Sessions
3:15-4:45**

Identifying the Select Room: 218D

*Presider: Christopher Koepfel, Cultural Resources
Administrator, INDOT*

This session will present an update on INDOT's on-going activities to inventory all of Indiana's historic bridges, as well as an update on the programmatic agreement.

*Mary Kennedy, Architectural Historian, INDOT
Amy Squitieri, Vice President, Engineering and
Historical Services, Mead & Hunt, Inc.*

INDOT Training Programs Available Room: 302

This session will describe the training programs available at INDOT and through the Joint Transportation Program (JTRP) at Purdue. Emphasis will be on the Highway Technician Academy that was launched this year...what it is, how it affects INDOT employees, and the schedule for its startup. On-line training applications for consultants, contractors, etc., developed through JTRP, also will be demonstrated

*Len Gritzer, Program Director, Highway Technician
Academy, INDOT
Bob McCullough, IT Administrator, Joint Transportation
Research Program, Purdue University*

Road School Agenda

**Wednesday
March 7
Concurrent Sessions
3:15-4:45**

Maintenance Issues II Room: 320

*Presider: Jerry Thompson., Maintenance Engineer,
Vincennes District, INDOT*

Sign Structure Inspection
*Mark Bowman, Professor of Civil Engineering, Purdue
University*

Hazard Recognition and Mitigation
*Randy Collins, Safety and Health Director, Vincennes
District, INDOT*

INDOT Disaster Preparedness
*Jerry Thompson, Maintenance Engineer, Vincennes
District, INDOT
Chris Hostetler, Field Engineer, Vincennes District, INDOT*

New Developments in Consultant Contracting Room: 218A-C

*Presider: John Morton, Director, Office of Contracting
Administration, INDOT*

The 18-Month RFP
*John Morton, Director, Office of Contracting
Administration, INDOT*
Consultant Selection
*Jeff Clanton, Contracts Manager, Office of Contracting
Administration, INDOT*

Electronic Submittal Process
*David Schilling, Customer Service Section Manager,
Office of Contracting Administration, INDOT*

Contract Types
*John Morton, Director, Office of Contracting
Administration, INDOT*

Performance Evaluation
*John Morton, Director, Office of Contracting
Administration, INDOT*

**DBE and Affirmative Action Requirements in
INDOT Contracts**
*Martha Kenley, Director/Attorney, Division of
Economic Opportunity, INDOT*

Road School Agenda

Wednesday
March 7
Concurrent Sessions
3:15-4:45

Transportation Issues Part II (.3 CEU)

Room: 214A-B

*Presider: Jay Wasson, President, ITE Indiana Section
 and Director, Traffic Management Centers
 Division, INDOT*

**Freight Data and Freight Mobility in Northeastern
 Illinois**
Gerald Rawling, Consultant

A National Perspective on Freight Mobility
*Kate Quinn, Freight Program Delivery Team Leader,
 FHWA, Washington DC*

5:30-8:00

ITE DINNER

**Dauch Alumni Center
 Purdue University
 West Lafayette**

Social: 5:30

Dinner: 6:45

Program: 7:30

Speaker: Earl Newman
ITE International President

**Program: ITE Update and Presentation of
 Scholarship Awards**

Advance purchase of tickets required

Road School Agenda

Thursday
March 8
Association Meetings

8:00-10:00

Indiana Street Commissioners

Association Meeting

Room: PMU West Faculty Lounge

*Presider: Ron Ellis, Street Commissioner, City of
 Jeffersonville*

Breakfast

Business Meeting

Legal Issues and Sidewalks

*Andrew Wirick, Hume, Smith, Geedes, Green &
 Simmons*

ADA Issues

*Ed Ratulowski, Design/Construction Engineer,
 FHWA Indiana Division*

8:30-10:00

City Engineers Association Meeting

Room: 314

Presider: Steve Ruble, City Engineer, City of Columbus

Team Indiana Partnering Initiative

Financial Report

Scholarship Report

Spring Meeting

Election of Officers

**Election of District Directors (by members of each
 individual district)**

Other Business

Adjourn

Road School Agenda

**Thursday
March 30**

Association Meetings

8:30-10:00

County Auditors Association Meeting

Room: 320

Presider: Martha Wehr, Auditor, Dubois County

Business Meeting

County Commissioners Association Meeting

Room: 322

*Presider: William Haan, Executive Director, Indiana
Association of County Commissioners*

Legislative Wrap-Up

Other Issues

INDOT Meeting Part I

(This session is open to the public)

Room: 302

*Presider: Mark Miller, Director, Construction Management
Division, INDOT*

Pavement Smoothness Awards

*Dennis Kuchler, Construction Management Division,
INDOT*

Road School Agenda

**Thursday
March 8**

Association Meetings

9:00-11:30

County Highway Engineers and Supervisors

Association Meeting

Room: 218A-C

Presider: Jodi Coblentz, County Engineer, Cass County

Committee Members will meet from 9:00 to 10:00

Regular Members Meeting will start at 10:00

Agenda for Regular Members Meeting

Call to Order

*Minutes from Previous Regular Members
Meeting, December 2006*

Treasurer's Report

*Committee Chairman Reports
New Chairpersons and Goals*

LTAP Update

Old Business

New Business

Adjourn 11:30 AM

Road School Agenda

March 8

Association Meetings

10:15-11:45

INDOT Meeting Part II

(This session is open to the public)

Room: 302

*Presider: Mark Miller, Director, Construction Management
Division, INDOT*

We Are Not Perfect!

This session will present the top ten correctable errors in the recent past during construction, how they were solved, and how they could have been avoided.

*Ron Heustis, Manager, Office of Construction
Technical Support, INDOT*

**ROAD SCHOOL ENDS...
REGISTRATION DESK OPEN
UNTIL 12:00 PM**

**MARK YOUR CALENDAR FOR
2008 PURDUE ROAD SCHOOL
MARCH 25-27**



HAVE A SAFE TRIP HOME!

MY NOTES

[illegible]

ROAD SCHOOL LUNCHEON

**Wednesday, March 7
12:00 to 1:30 PM
North & South Ballrooms
Purdue Memorial Union**

**“Don’t Wait: The Future
of Transportation is Now!”**



**JOSEPH S. TOOLE
Associate Administrator
Office of Professional and Corporate Development
Federal Highway Administration
Washington, DC**

**Tickets may still be available at
110 Stewart Center
(Next to the Road School Registration Desk)
\$18.00**

**We thank the following sponsors for their
annual support of the Road School Luncheon!**

**American Concrete Pavement Association
Indiana Chapter**

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**American Council of Engineering Companies
of Indiana**

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Asphalt Pavement Association of Indiana

~~

Indiana Construction Association

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Indiana Mineral Aggregates Association

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Indiana Ready Mixed Concrete Association

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**Reserved luncheon tickets will be held
until 10:00 AM the day of the luncheon,
at which time they will be sold to the public.**

EXHIBITOR LUNCHEON

**Tuesday, March 6
11:30 AM to 2:00 PM
North & South Ballrooms
Purdue Memorial Union**

**All participants are invited to enjoy an extended lunch
hour at this complimentary sandwich buffet provided
courtesy of these participating exhibitors. Your name
badge will be required for admission.**

**American Consulting, Inc.
Asphalt Zipper, Inc.
Avery Dennison Reflective Films Division
Bliss McKnight of Indiana, Inc.
Burgess & Niple, Inc.
Cem-Kote Products, Inc.
Christopher B. Burke Engineering
Clark Dietz, Inc.
Collins Engineers
Contech Bridge Solutions
CPI Supply
CTE Engineers
CTL Engineering of Indiana, Inc.
Durisol
East Jordan Iron Works
Equipment Marketing Company
GFC, LLC
Globe Asphalt Paving Company
Hall Signs, Inc.
Hydro-Technologies/Modified
Concrete Suppliers
HySpan Bridge Systems
Independent Concrete Piping Company
Indianapolis Testing Laboratory
Michael Todd Company
Palmer Engineering Company
PEN Products
Polyguard Products, Inc.
REJUV TEC
Road Solutions, Inc.
Schwarze Industries
Sherwin Industries
Softworks, Inc.
The Hoosier Company
Townsend Chemical Division
Traffic Control Corporation
Traffic Signal Company
United Paving Materials
Uretek Indiana
Williams Aerial & Mapping, Inc.**